

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090139.D
 Acq On : 17 Jul 2015 4:07
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Jul 17 13:17:11 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 12:59:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	10434	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	43323	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	23354	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	52453	5.00	ng	0.00
25) Chrysene-d12	21.12	240	51384	5.00	ng	0.00
32) Perylene-d12	23.44	264	39374	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1901	0.85	ng	0.00
5) Phenol-d6	6.80	99	2804	0.89	ng	0.00
7) Nitrobenzene-d5	8.75	82	2921	0.91	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	351	0.85	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	7020	0.98	ng	0.00
27) Terphenyl-d14	19.58	244	8568	0.99	ng	0.00

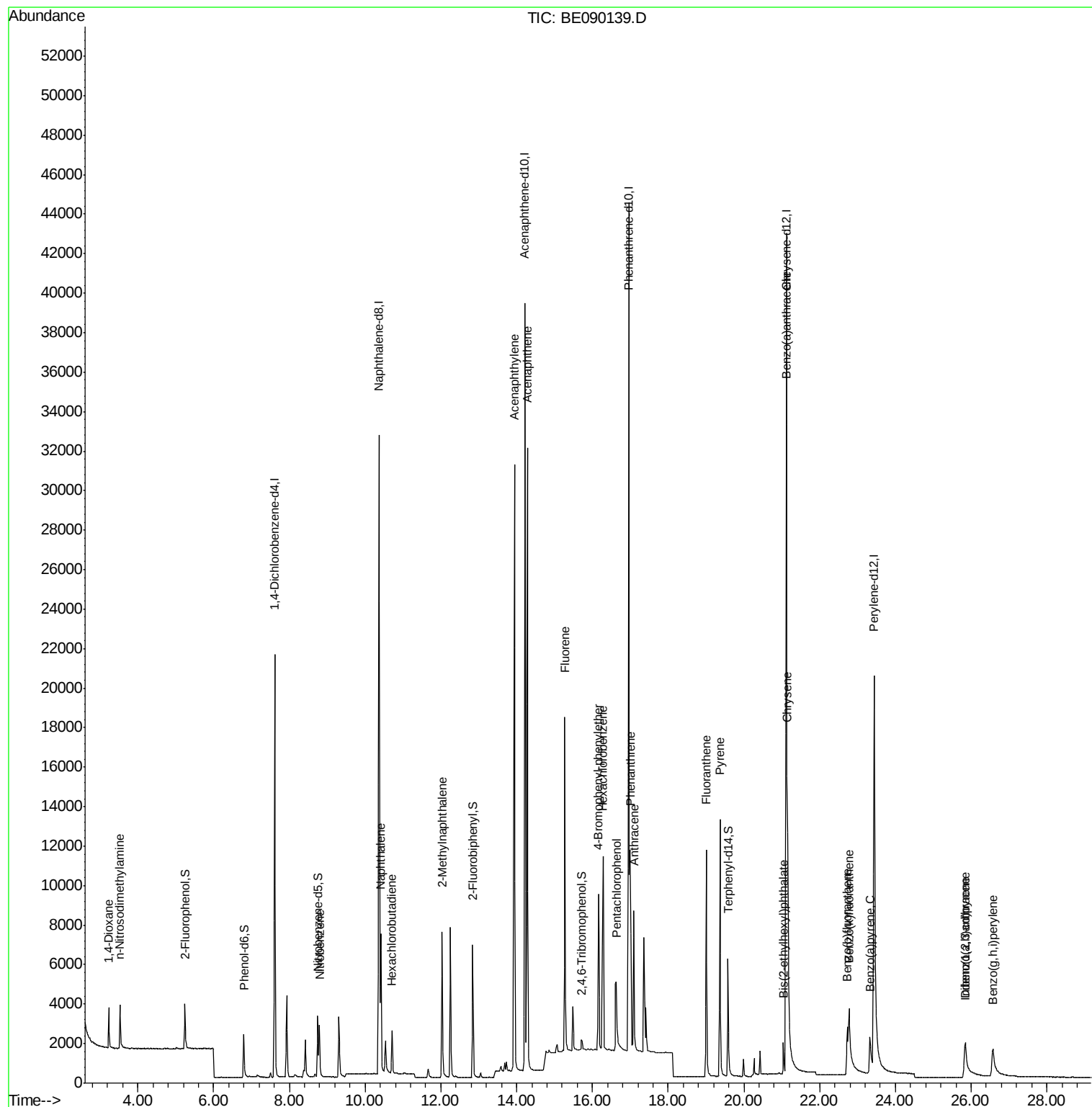
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1393	1.11	ng	93
3) n-Nitrosodimethylamine	3.52	42	1520	0.92	ng	# 98
8) Nitrobenzene	8.79	77	3080	0.91	ng	98
9) Naphthalene	10.41	128	9395	0.96	ng	99
10) Hexachlorobutadiene	10.71	225	1653	1.00	ng	98
11) 2-Methylnaphthalene	12.03	142	5947	0.95	ng	100
15) Acenaphthylene	13.94	152	40038	0.96	ng	100
16) Acenaphthene	14.28	154	5801	0.97	ng	98
17) Fluorene	15.27	166	7424	0.95	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	2150	0.96	ng	96
20) Hexachlorobenzene	16.28	284	9457	0.97	ng	99
21) Pentachlorophenol	16.63	266	2931	4.32	ng	92
22) Phenanthrene	17.00	178	12368	0.94	ng	100
23) Anthracene	17.10	178	10966	0.94	ng	100
24) Fluoranthene	19.01	202	12490	0.96	ng	100
26) Pyrene	19.37	202	13211	0.95	ng	100
28) Benzo(a)anthracene	21.11	228	9175	1.05	ng	99
29) Chrysene	21.16	228	13964	1.01	ng	100
30) Bis(2-ethylhexyl)phthalate	21.05	149	1721	0.96	ng	# 99
31) Indeno(1,2,3-cd)pyrene	25.83	276	4159	1.31	ng	97
33) Benzo(b)fluoranthene	22.73	252	3726	1.30	ng	99
34) Benzo(k)fluoranthene	22.78	252	8769	0.89	ng	99
35) Benzo(a)pyrene	23.33	252	4567	0.94	ng	97
36) Dibenzo(a,h)anthracene	25.85	278	2734	1.27	ng	99
37) Benzo(g,h,i)perylene	26.58	276	5184	0.97	ng	100

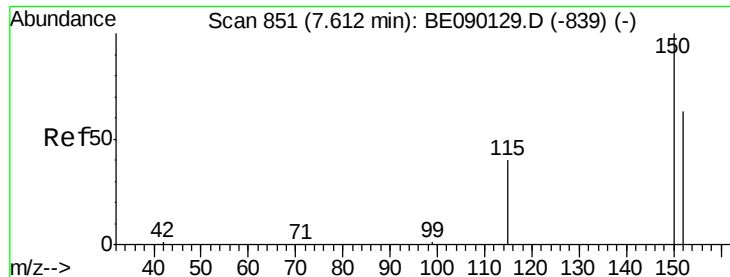
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 851

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

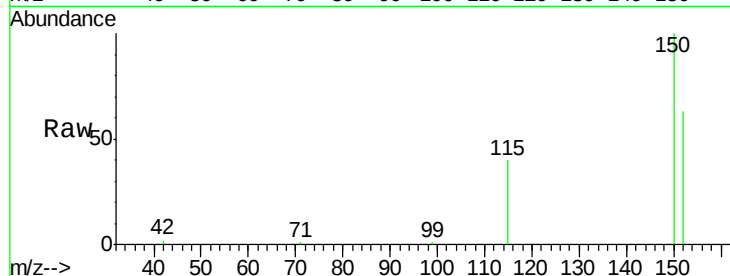
Tgt Ion:152 Resp: 10434

Ion Ratio Lower Upper

152 100

150 158.0 127.3 190.9

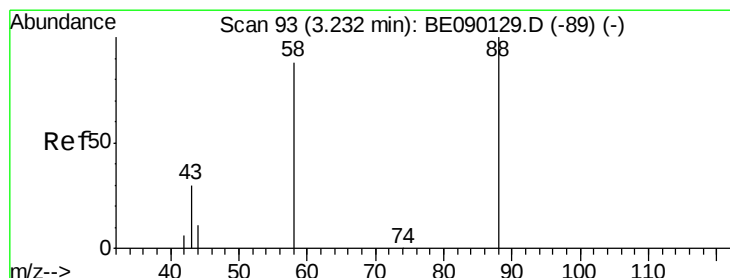
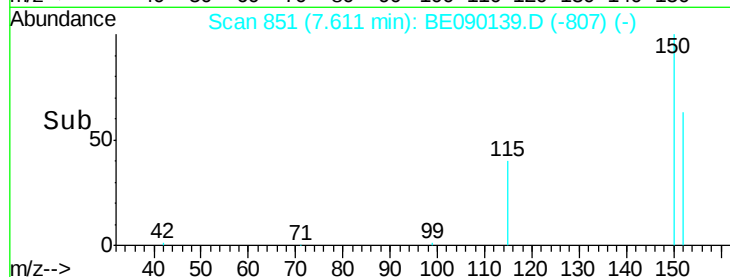
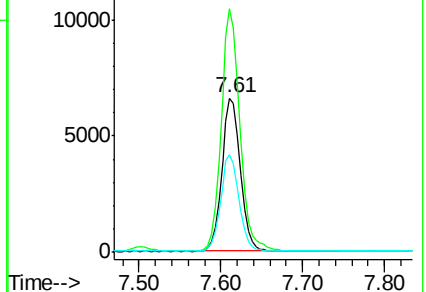
115 63.7 51.0 76.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.11 ng

RT: 3.23 min Scan# 93

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

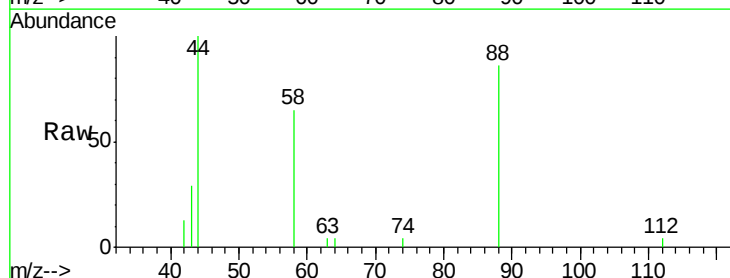
Tgt Ion: 88 Resp: 1393

Ion Ratio Lower Upper

88 100

58 77.4 67.0 100.4

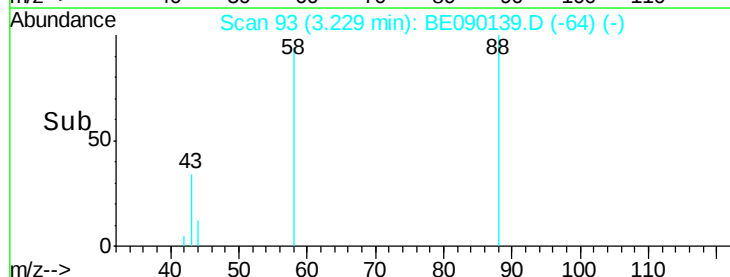
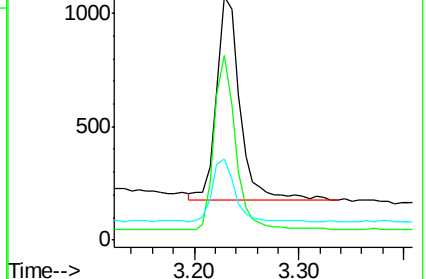
43 28.7 26.0 39.0

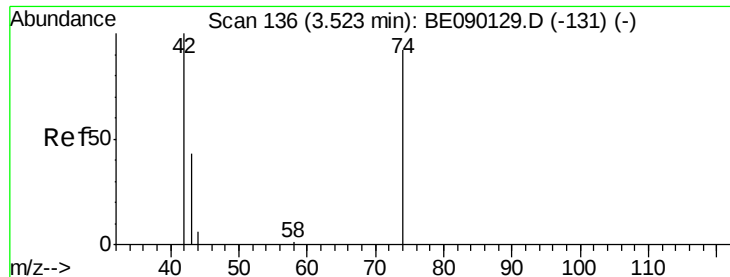


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.92 ng

RT: 3.52 min Scan# 136

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

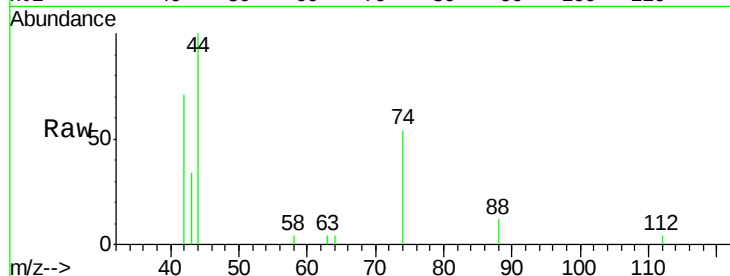
Tgt Ion: 42 Resp: 1520

Ion Ratio Lower Upper

42 100

74 115.0 91.0 136.6

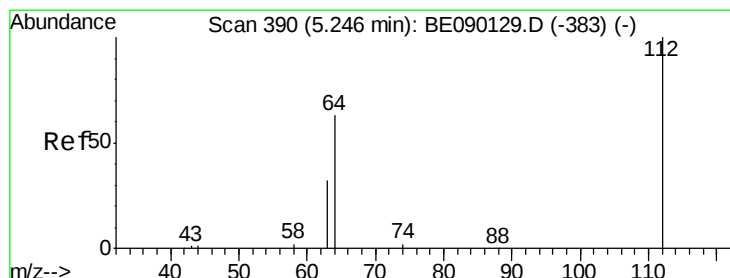
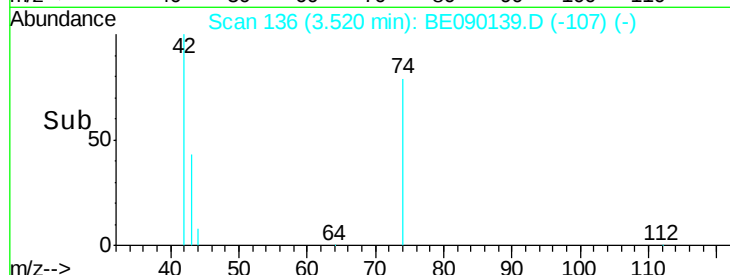
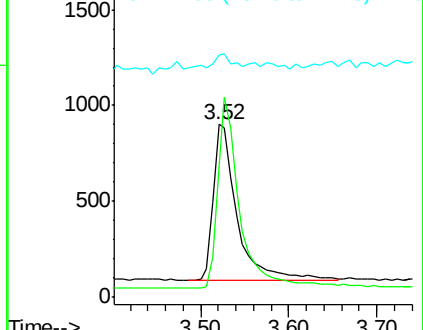
44 7.1 9.2 13.8#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.85 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

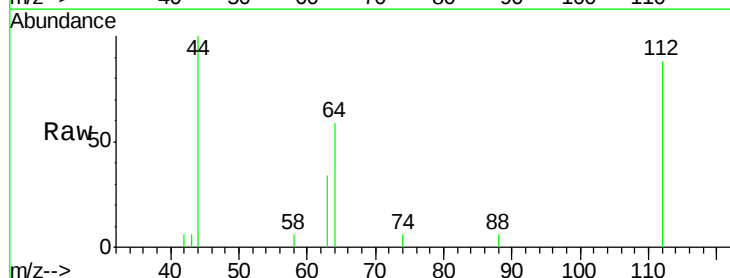
Tgt Ion: 112 Resp: 1901

Ion Ratio Lower Upper

112 100

64 69.3 55.4 83.2

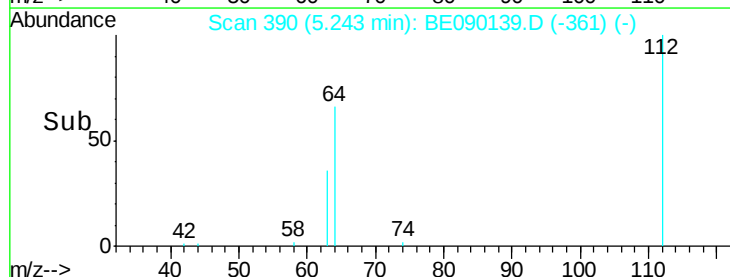
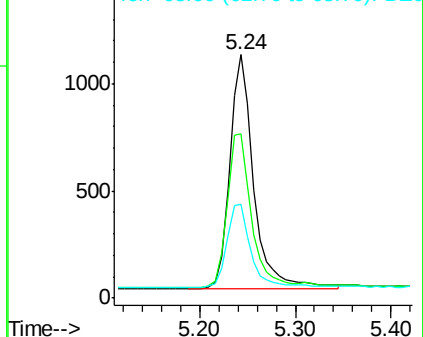
63 37.7 29.3 43.9

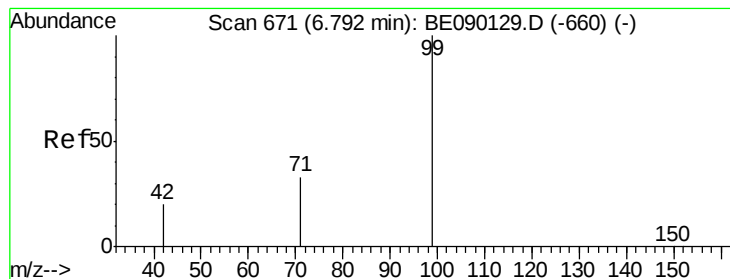


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.89 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

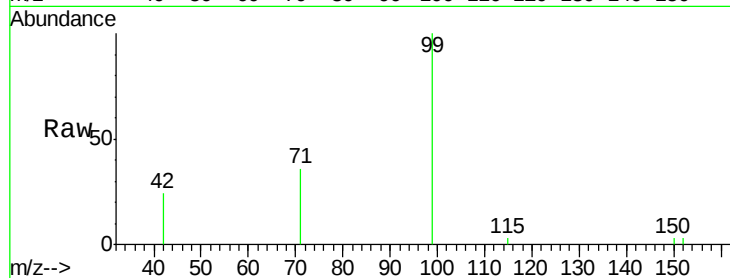
Tgt Ion: 99 Resp: 2804

Ion Ratio Lower Upper

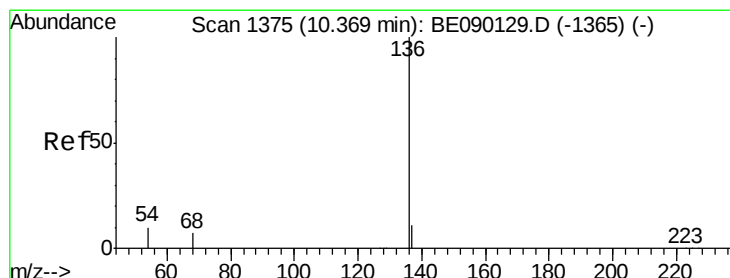
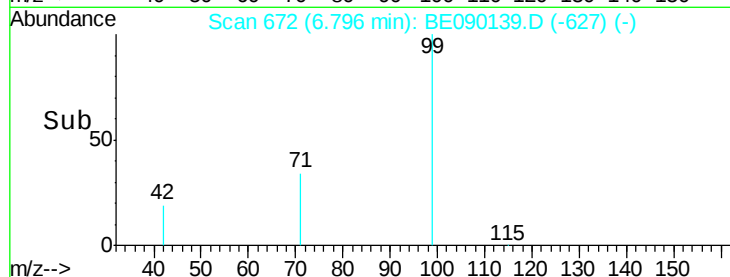
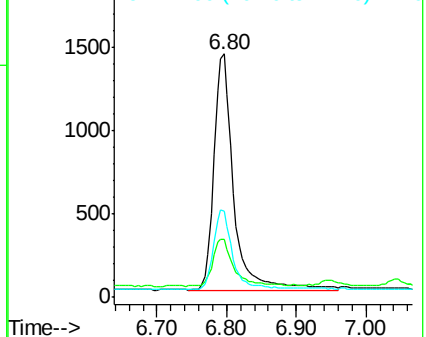
99 100

42 20.8 16.8 25.2

71 32.5 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Tgt Ion: 136 Resp: 43323

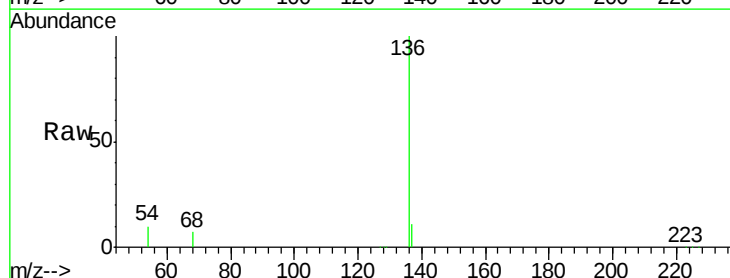
Ion Ratio Lower Upper

136 100

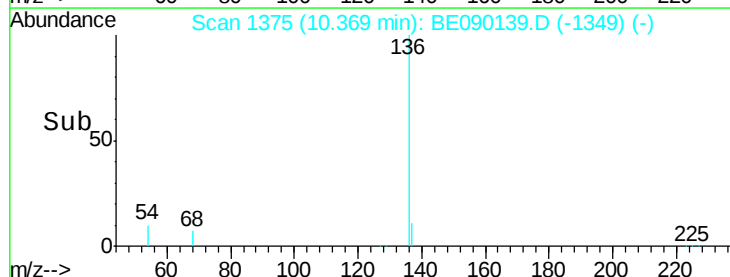
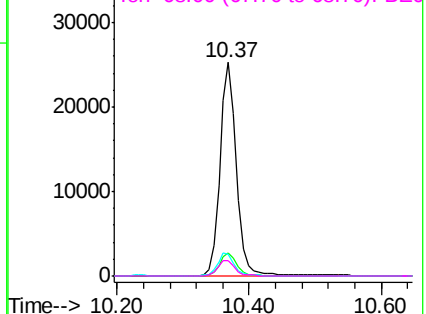
137 11.0 8.9 13.3

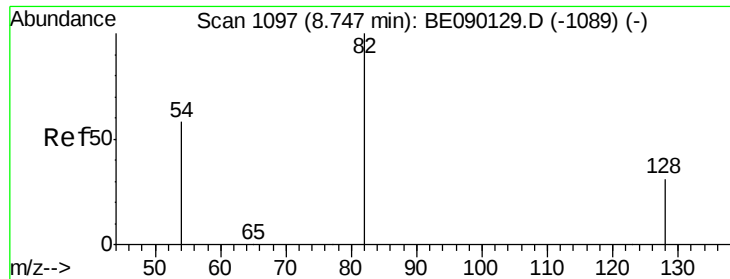
54 10.4 7.8 11.8

68 7.4 5.8 8.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.91 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

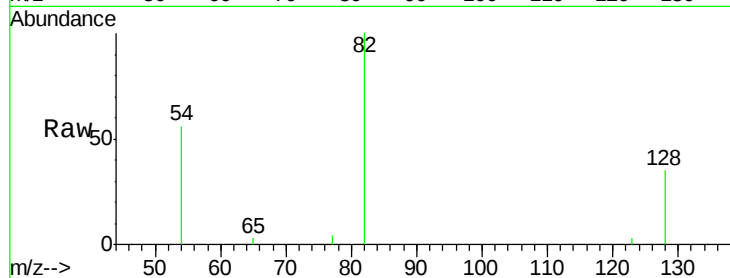
Tgt Ion: 82 Resp: 2921

Ion Ratio Lower Upper

82 100

128 35.3 26.2 39.2

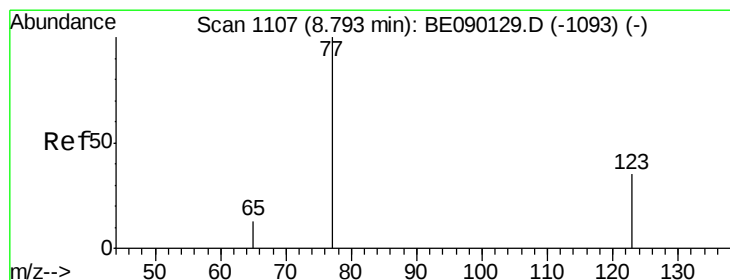
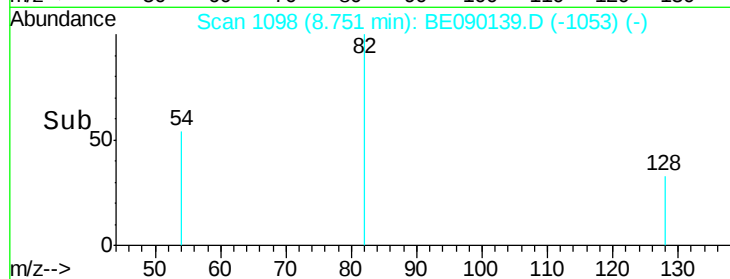
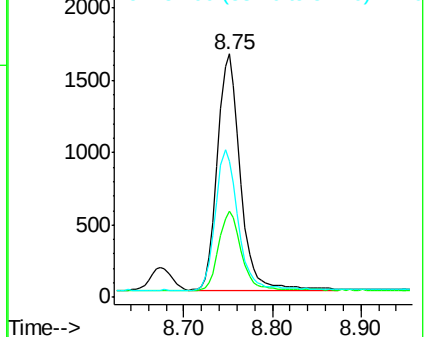
54 55.8 47.1 70.7



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.91 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

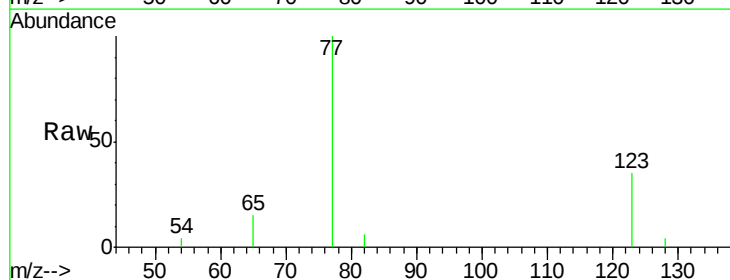
Tgt Ion: 77 Resp: 3080

Ion Ratio Lower Upper

77 100

123 34.4 28.5 42.7

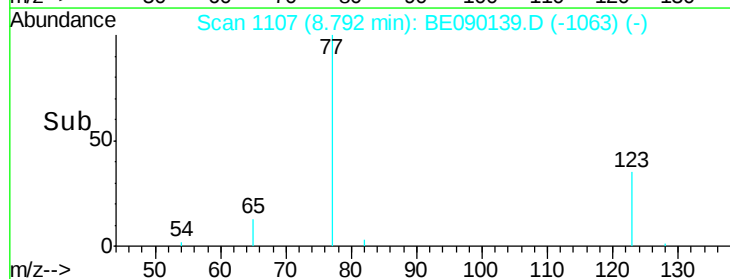
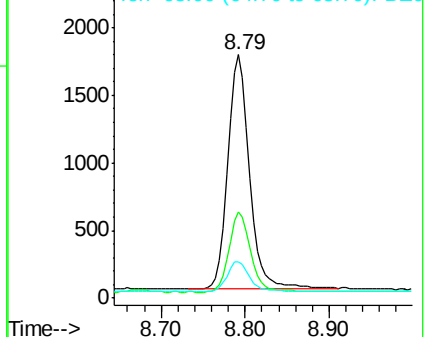
65 13.0 10.2 15.2

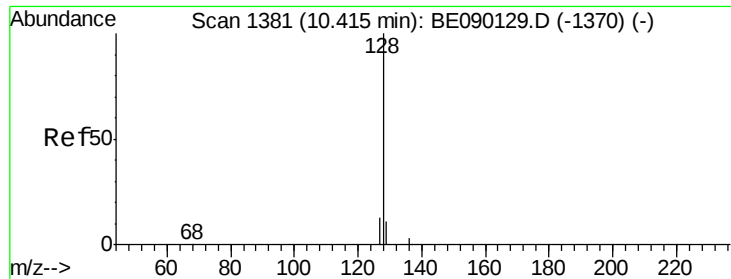


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.96 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

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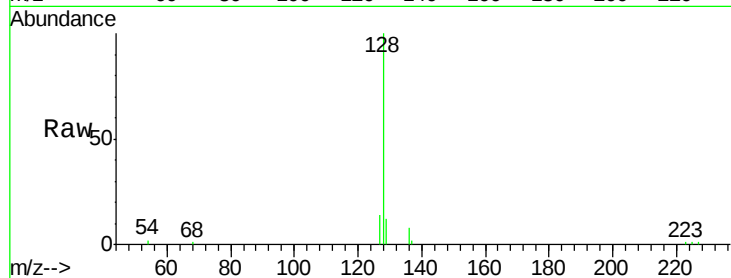
Tgt Ion:128 Resp: 9395

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

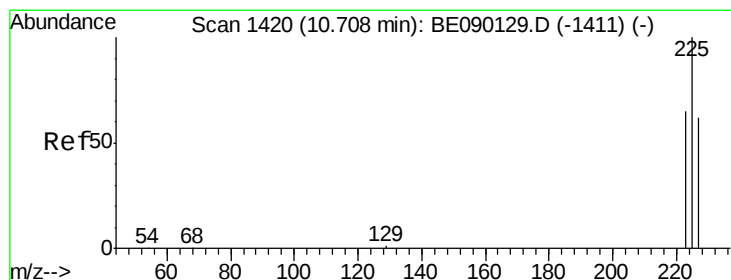
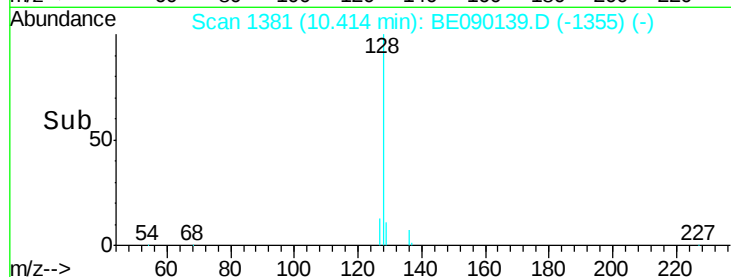
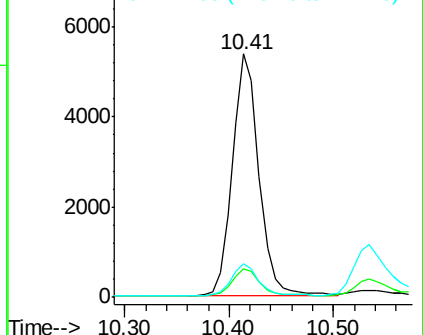
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.00 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

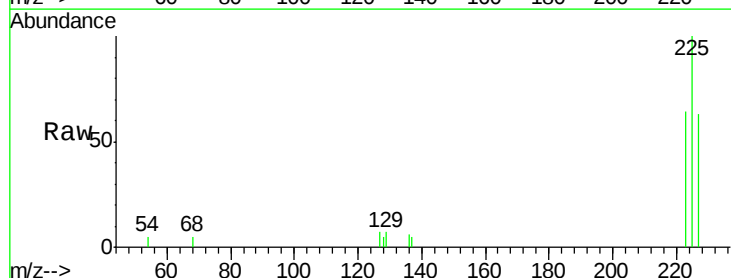
Tgt Ion:225 Resp: 1653

Ion Ratio Lower Upper

225 100

223 61.0 50.2 75.2

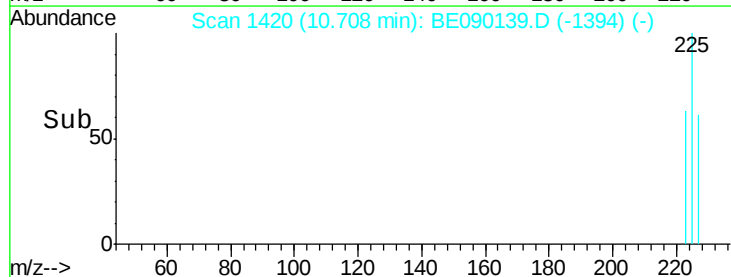
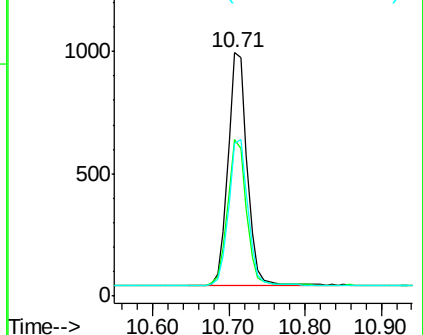
227 62.7 51.3 76.9

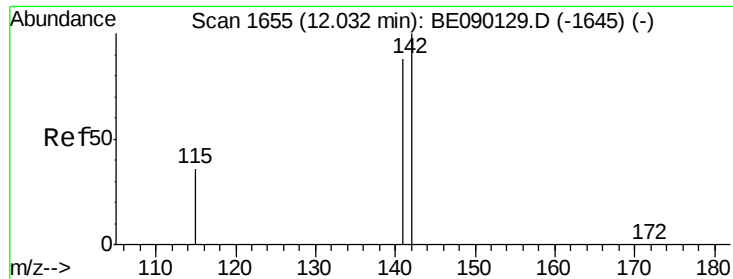


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

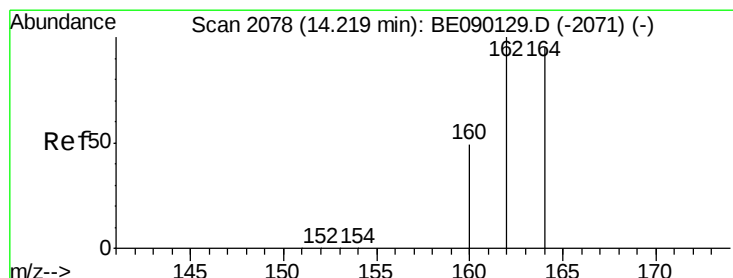
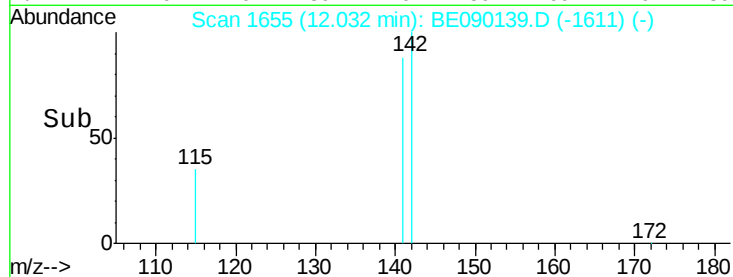
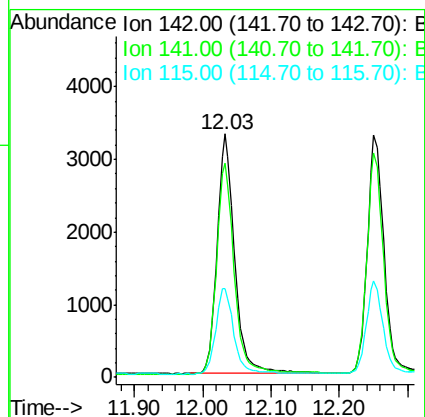
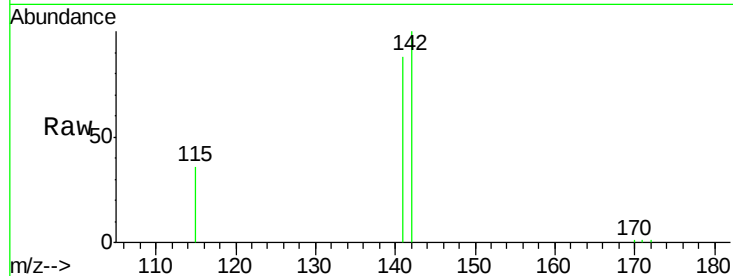




#11
2-Methylnaphthalene
Concen: 0.95 ng
RT: 12.03 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE090139.D
Acq: 17 Jul 2015 4:07

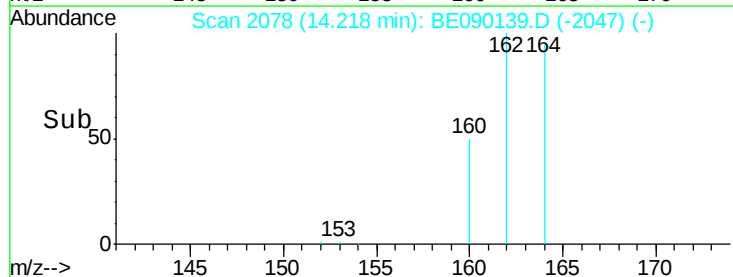
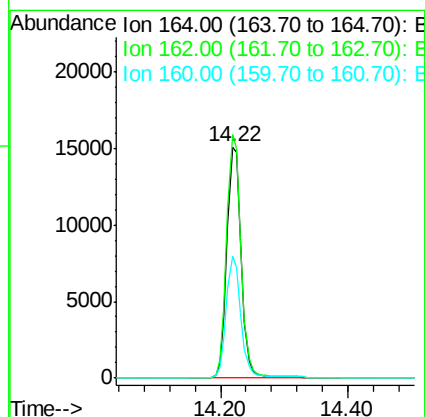
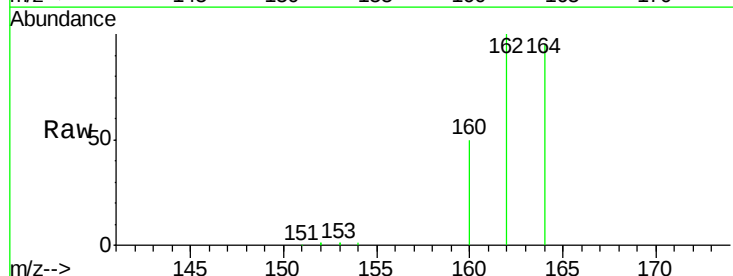
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

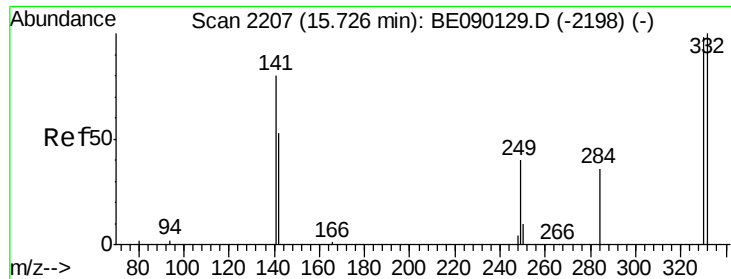
Tgt Ion:142 Resp: 5947
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8
115 36.2 29.4 44.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090139.D
Acq: 17 Jul 2015 4:07

Tgt Ion:164 Resp: 23354
Ion Ratio Lower Upper
164 100
162 105.3 84.0 126.0
160 52.5 41.1 61.7

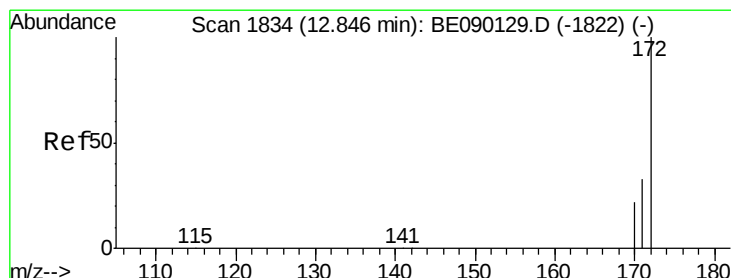
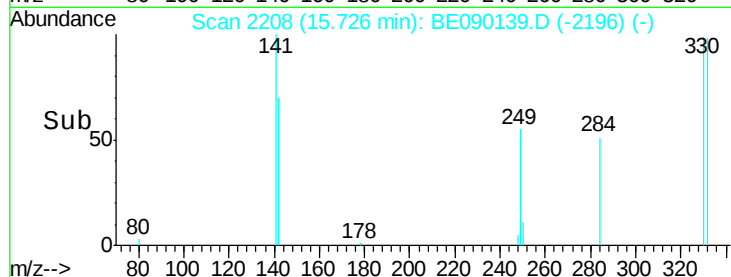
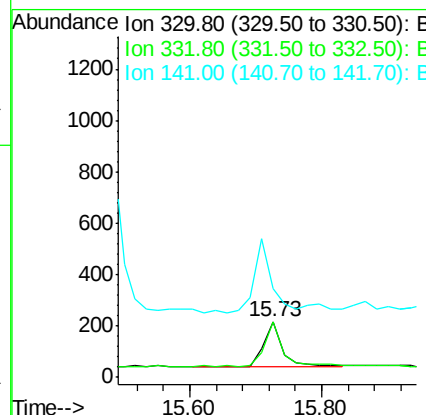
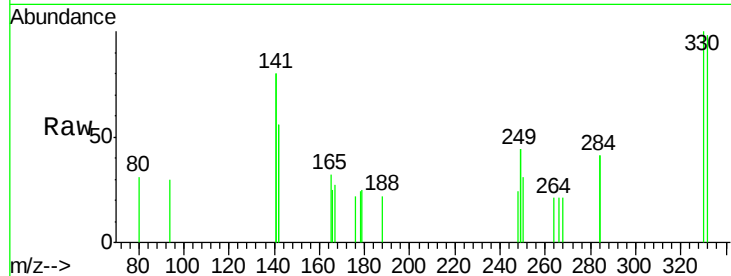




#13
 2,4,6-Tribromophenol
 Concen: 0.85 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090139.D
 Acq: 17 Jul 2015 4:07

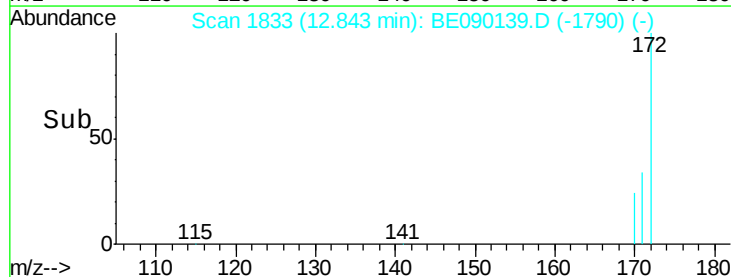
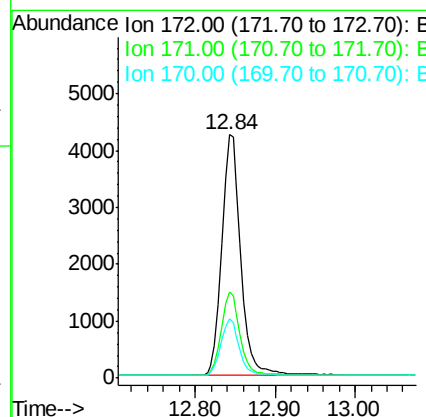
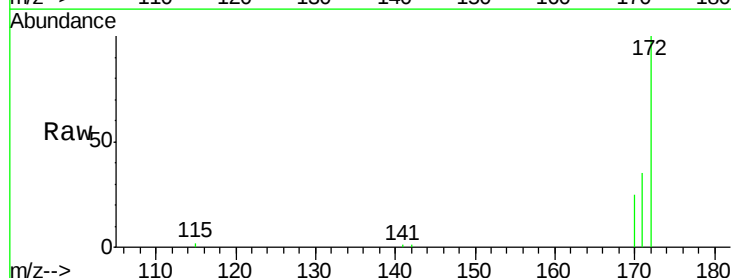
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

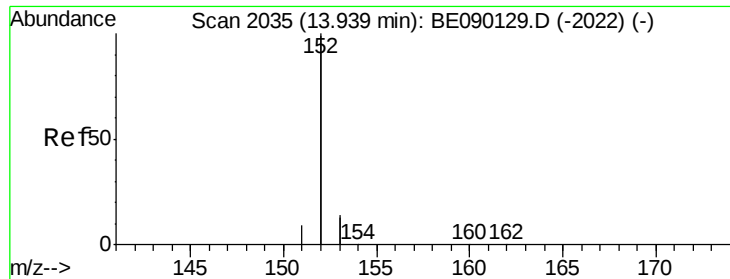
Tgt Ion: 330 Resp: 351
 Ion Ratio Lower Upper
 330 100
 332 94.6 79.4 119.0
 141 148.7 160.2 240.2#



#14
 2-Fluorobiphenyl
 Concen: 0.98 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090139.D
 Acq: 17 Jul 2015 4:07

Tgt Ion: 172 Resp: 7020
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.1 40.7
 170 24.6 17.9 26.9





#15

Acenaphthylene

Concen: 0.96 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

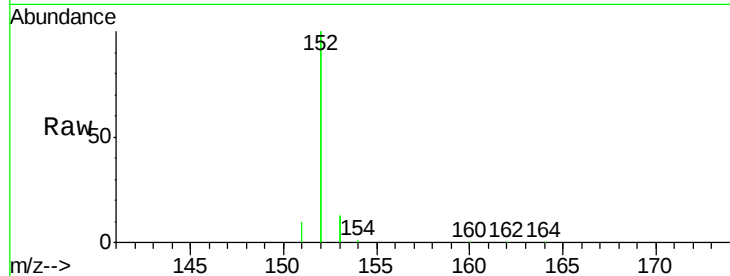
Tgt Ion:152 Resp: 40038

Ion Ratio Lower Upper

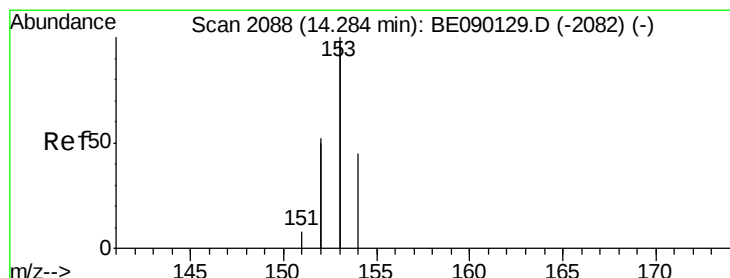
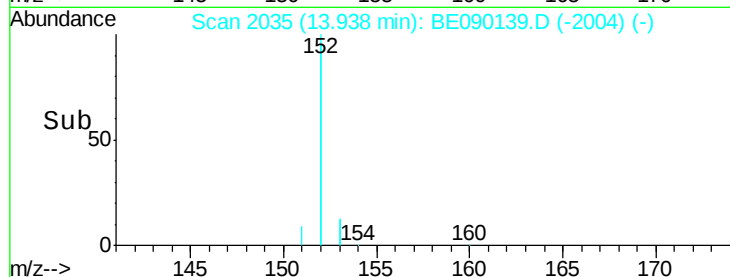
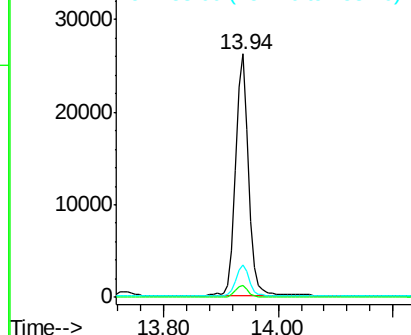
152 100

151 4.8 3.8 5.8

153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.97 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

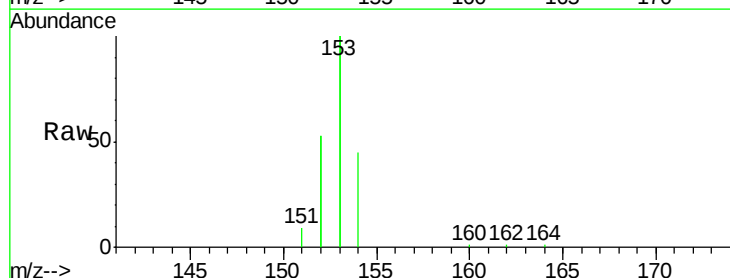
Tgt Ion:154 Resp: 5801

Ion Ratio Lower Upper

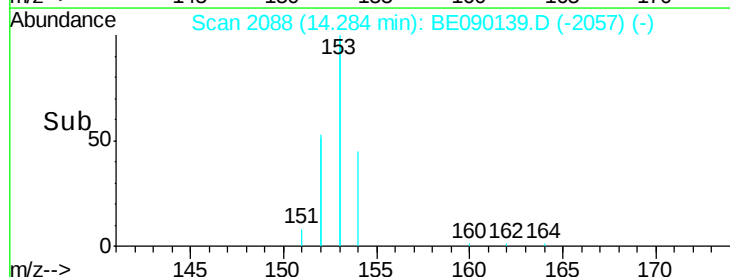
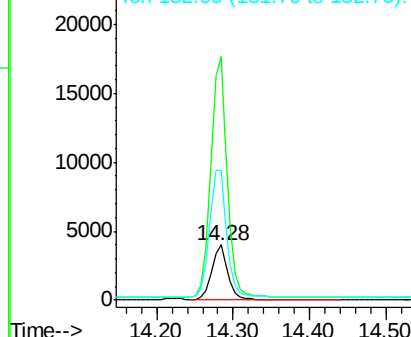
154 100

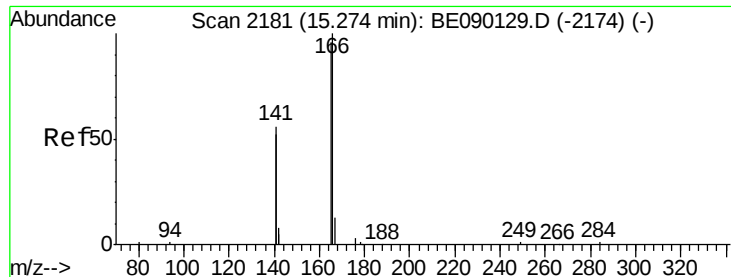
153 456.1 369.5 554.3

152 255.1 202.2 303.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.95 ng

RT: 15.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

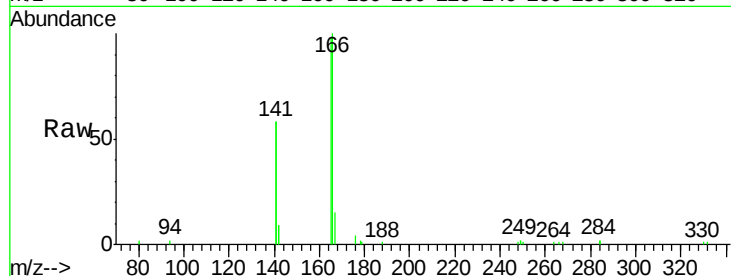
Tgt Ion:166 Resp: 7424

Ion Ratio Lower Upper

166 100

165 99.0 78.7 118.1

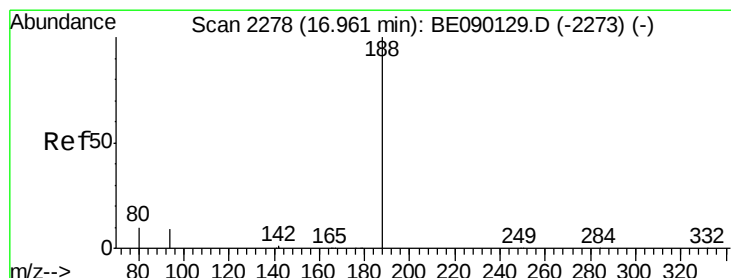
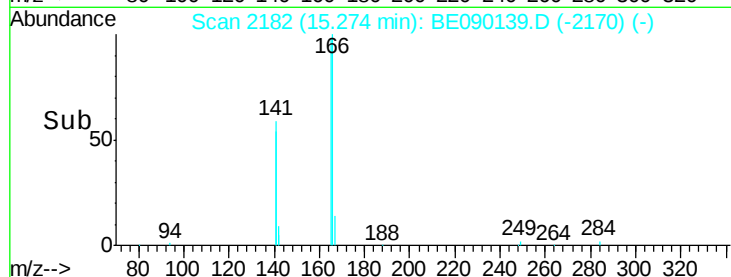
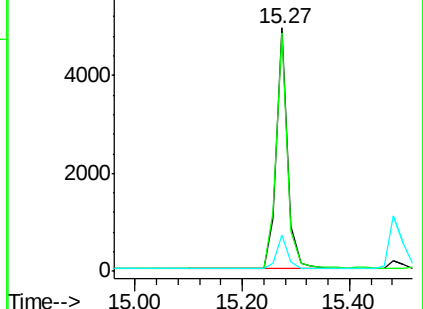
167 14.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

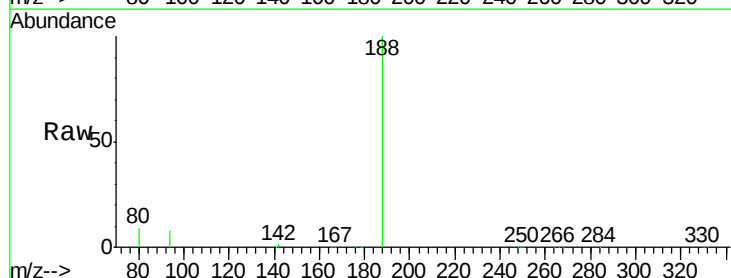
Tgt Ion:188 Resp: 52453

Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

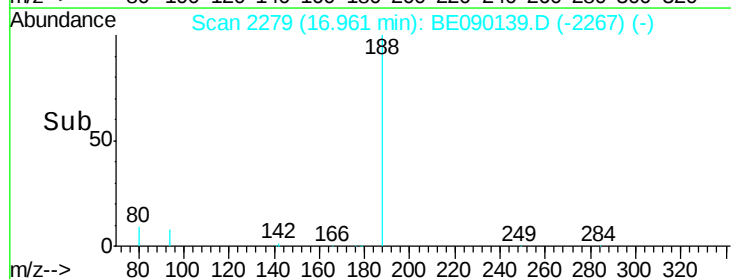
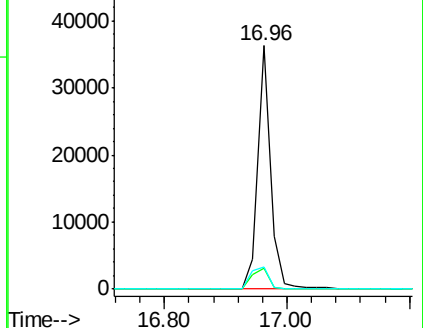
80 9.3 8.0 12.0

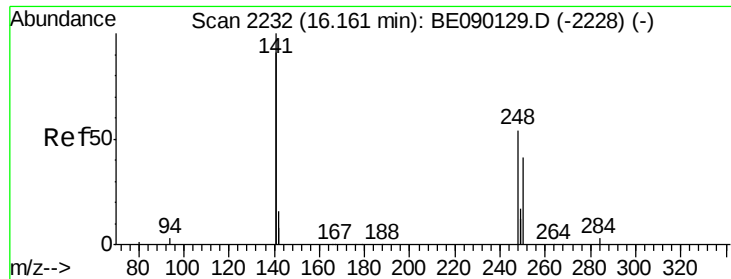


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

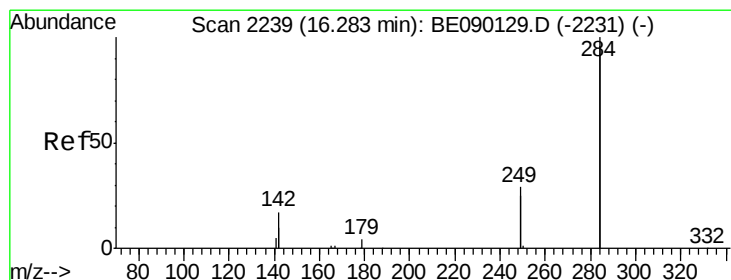
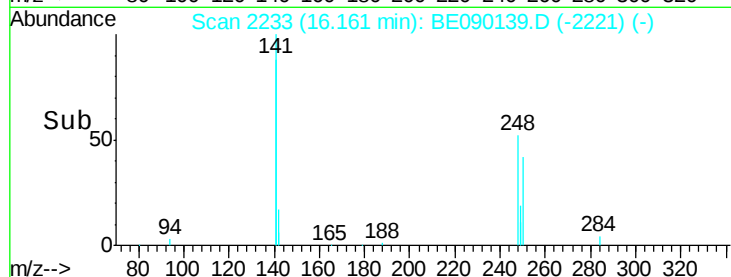
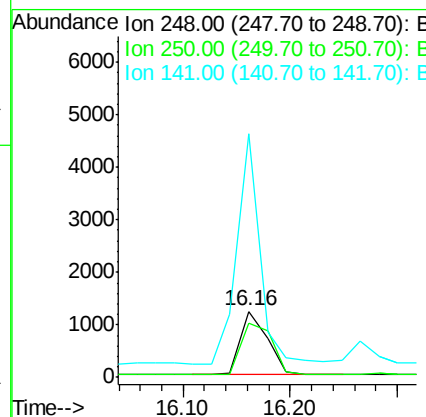
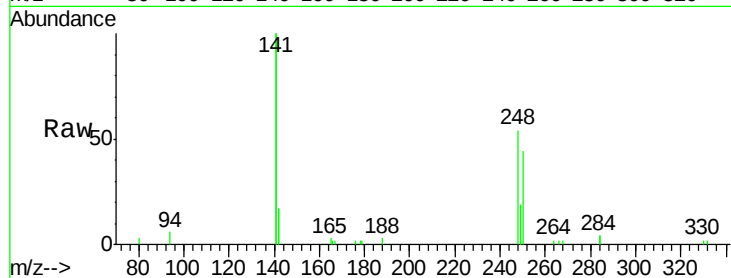




#19
4-Bromophenyl-phenylether
Concen: 0.96 ng
RT: 16.16 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BE090139.D
Acq: 17 Jul 2015 4:07

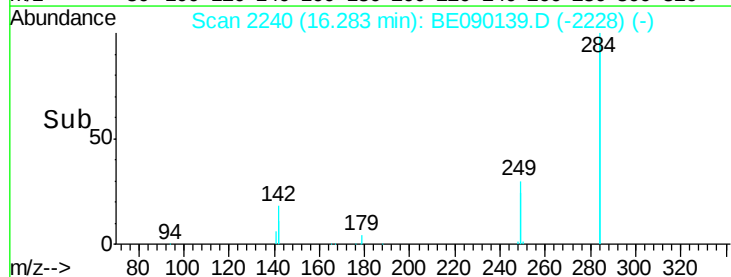
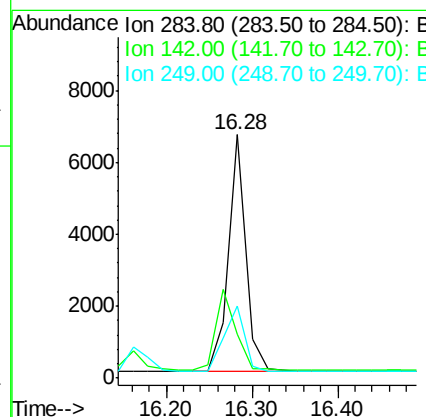
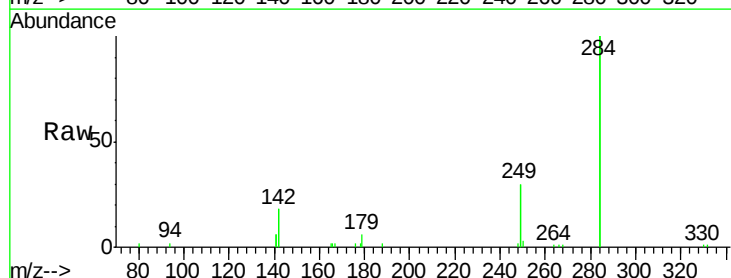
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

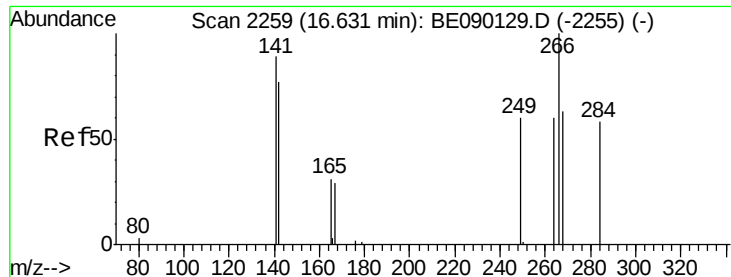
Tgt Ion: 248 Resp: 2150
Ion Ratio Lower Upper
248 100
250 94.9 76.2 114.4
141 296.8 246.0 369.0



#20
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.28 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE090139.D
Acq: 17 Jul 2015 4:07

Tgt Ion: 284 Resp: 9457
Ion Ratio Lower Upper
284 100
142 38.3 30.2 45.4
249 32.6 25.5 38.3

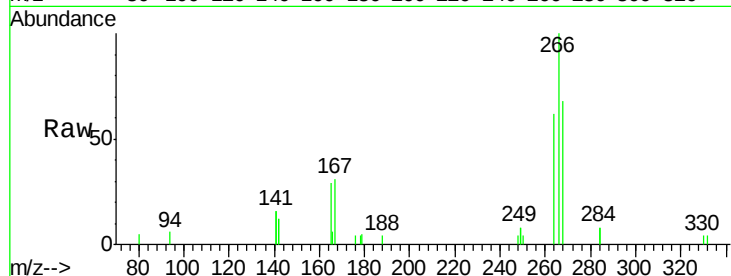




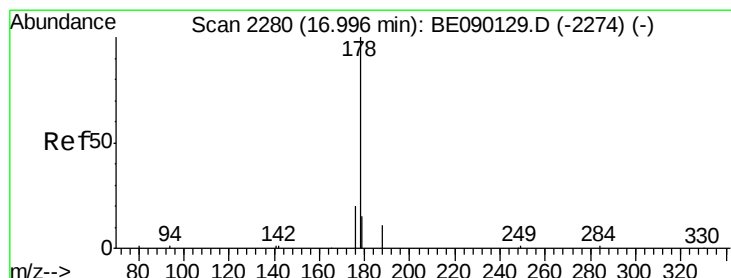
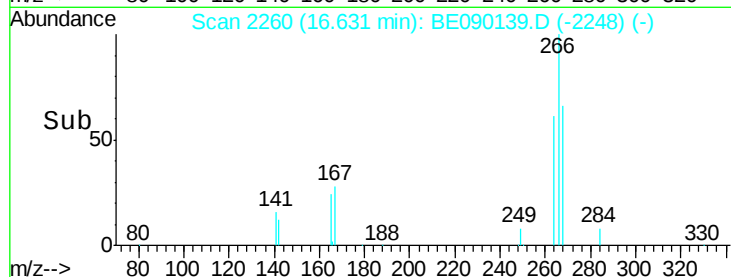
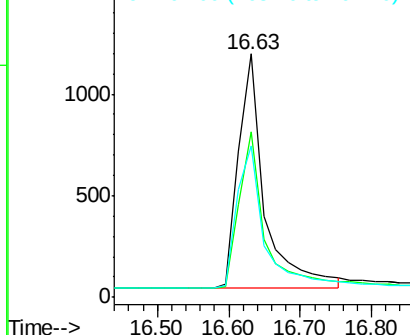
#21
 Pentachlorophenol
 Concen: 4.32 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE090139.D
 Acq: 17 Jul 2015 4:07

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion:266 Resp: 2931
 Ion Ratio Lower Upper
 266 100
 268 67.8 58.2 87.2
 264 62.1 55.8 83.6

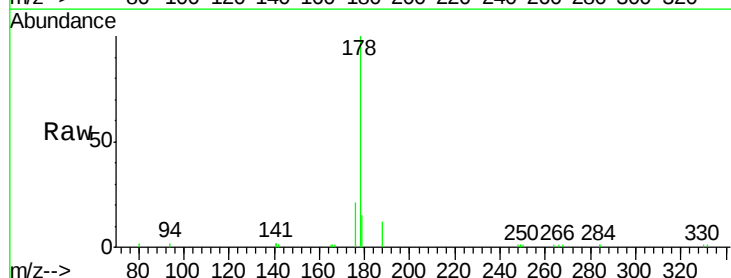


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

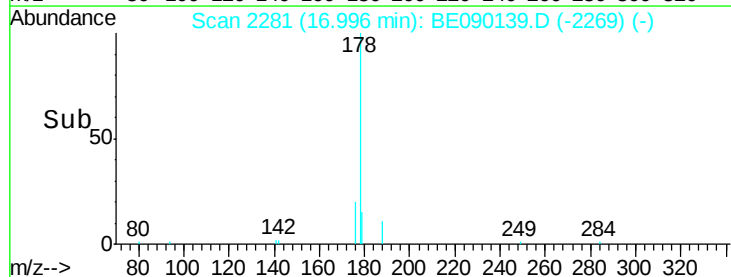
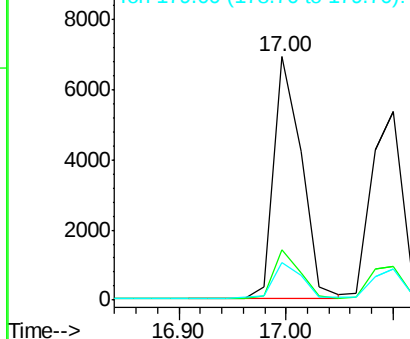


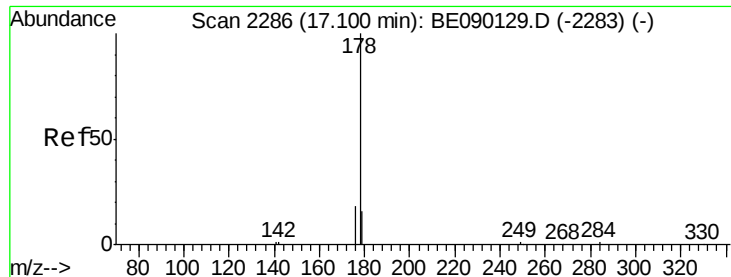
#22
 Phenanthrene
 Concen: 0.94 ng
 RT: 17.00 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BE090139.D
 Acq: 17 Jul 2015 4:07

Tgt Ion:178 Resp: 12368
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.94 ng

RT: 17.10 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

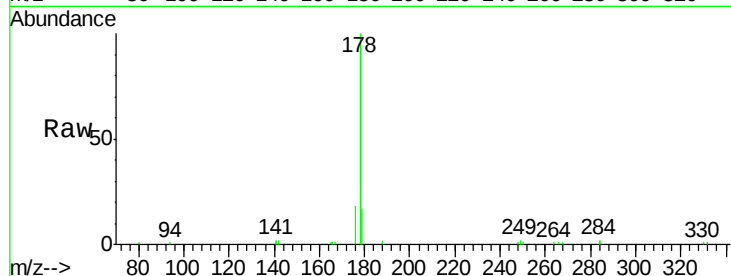
Tgt Ion:178 Resp: 10966

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

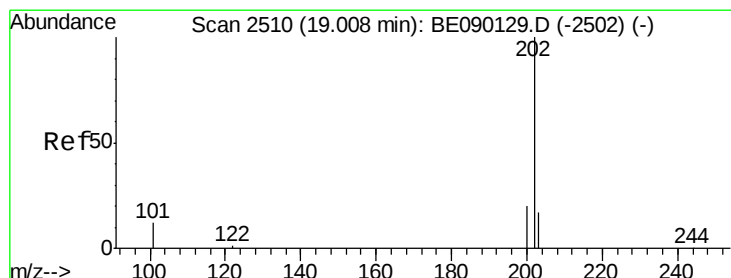
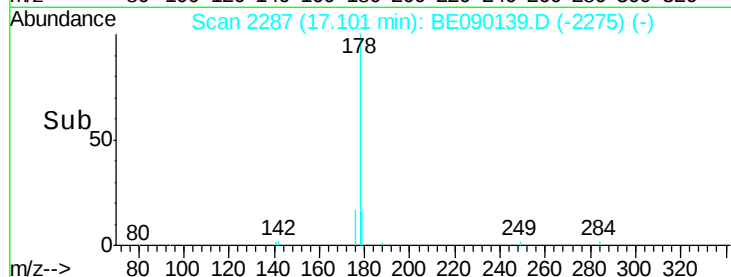
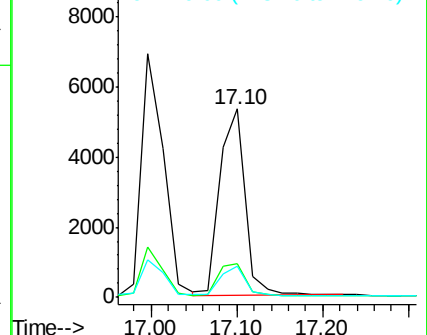
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.96 ng

RT: 19.01 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

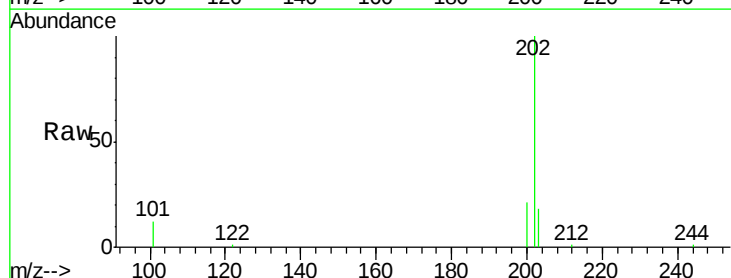
Tgt Ion:202 Resp: 12490

Ion Ratio Lower Upper

202 100

101 12.6 10.1 15.1

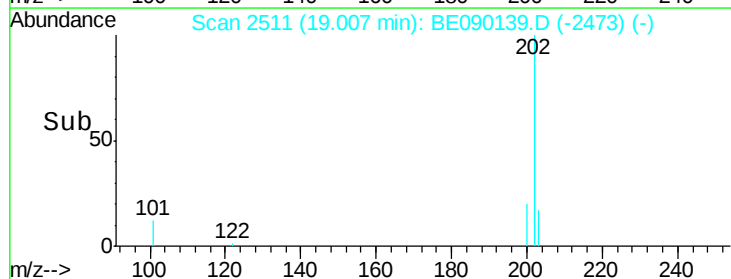
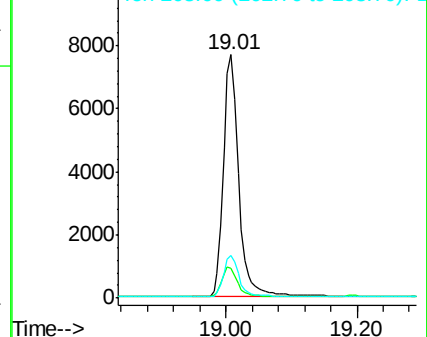
203 16.9 13.8 20.8

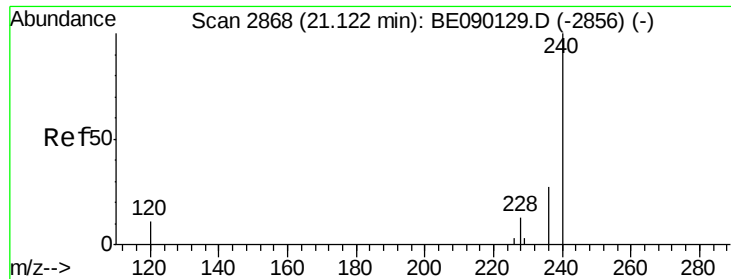


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

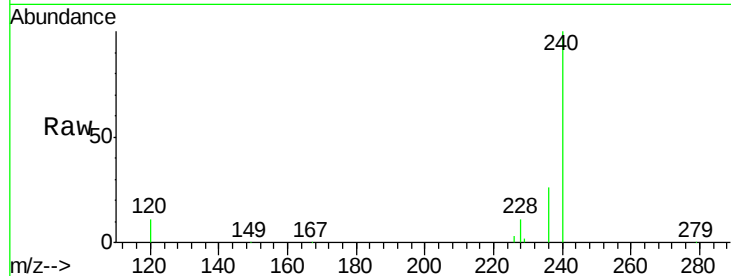
Tgt Ion:240 Resp: 51384

Ion Ratio Lower Upper

240 100

120 11.1 8.8 13.2

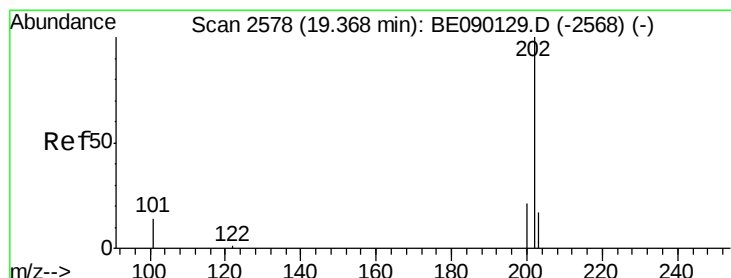
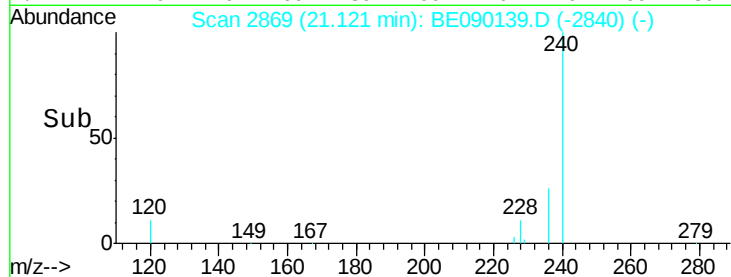
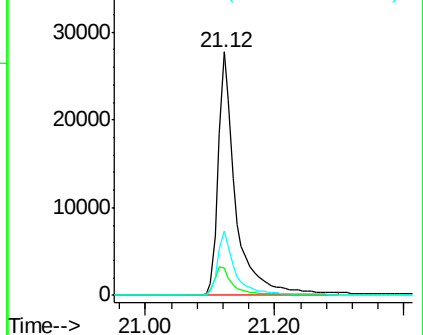
236 26.4 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.95 ng

RT: 19.37 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

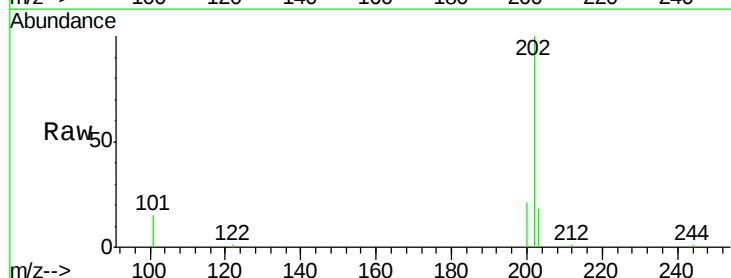
Tgt Ion:202 Resp: 13211

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

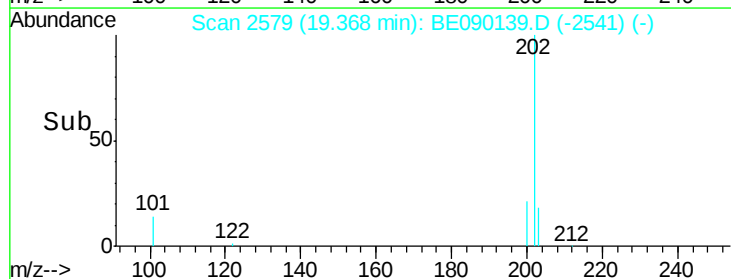
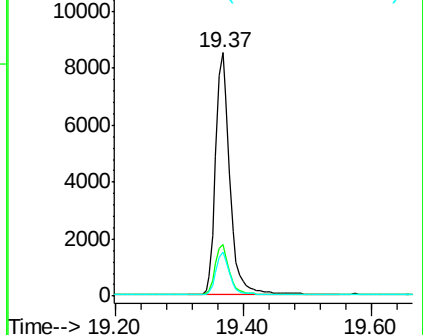
203 17.2 13.9 20.9

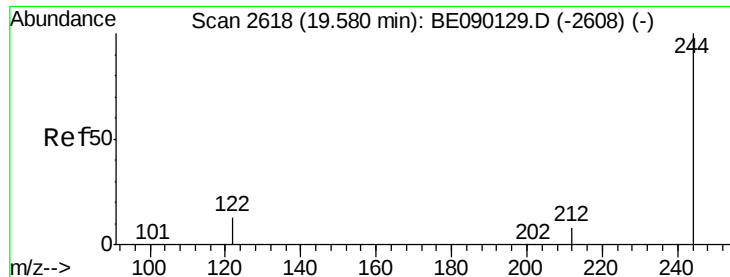


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

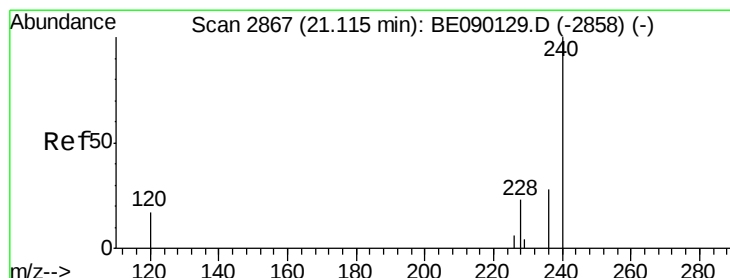
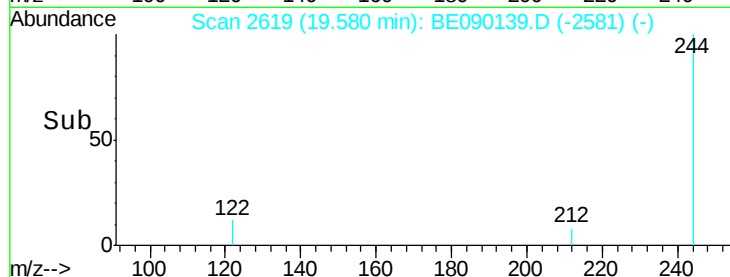
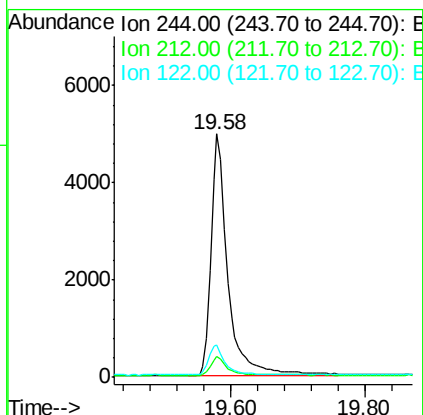
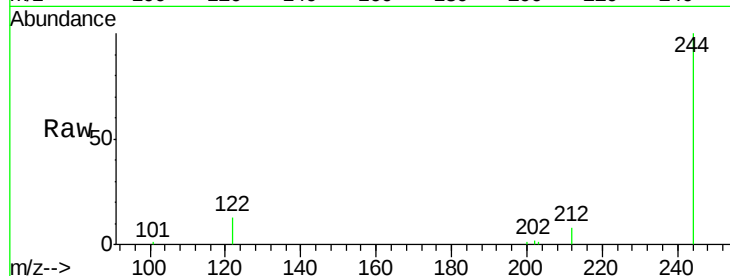




#27
 Terphenyl-d14
 Concen: 0.99 ng
 RT: 19.58 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BE090139.D
 Acq: 17 Jul 2015 4:07

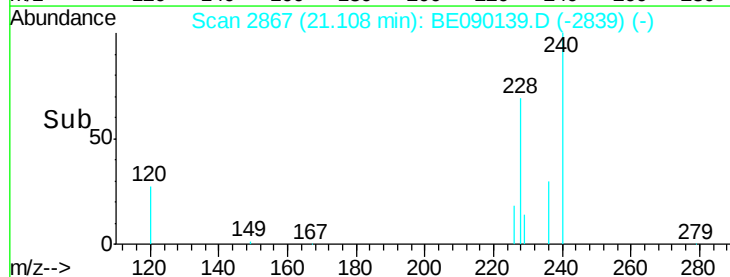
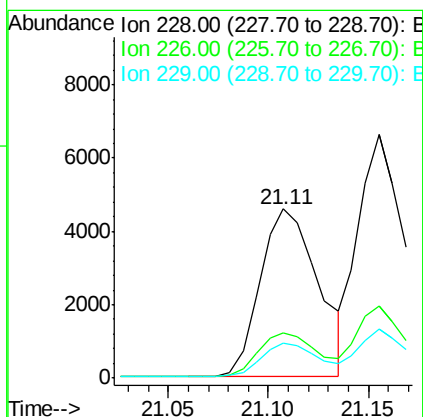
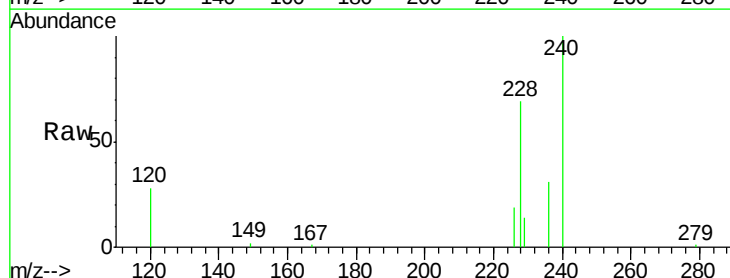
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

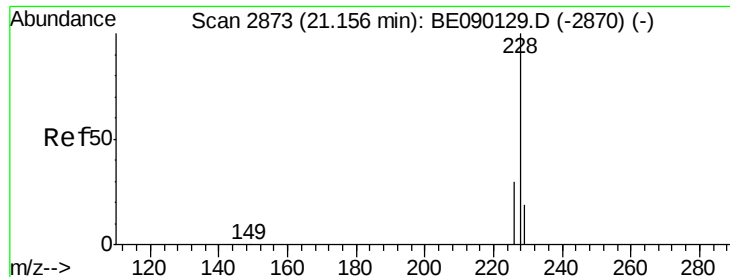
Tgt Ion:244 Resp: 8568
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 13.1 10.7 16.1



#28
 Benzo(a)anthracene
 Concen: 1.05 ng
 RT: 21.11 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BE090139.D
 Acq: 17 Jul 2015 4:07

Tgt Ion:228 Resp: 9175
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.3 31.9
 229 20.5 16.1 24.1





#29

Chrysene

Concen: 1.01 ng

RT: 21.16 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

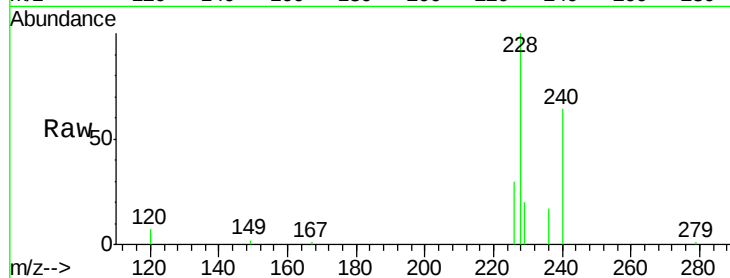
Tgt Ion:228 Resp: 13964

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

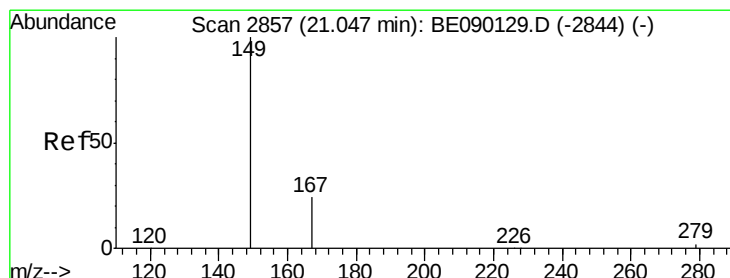
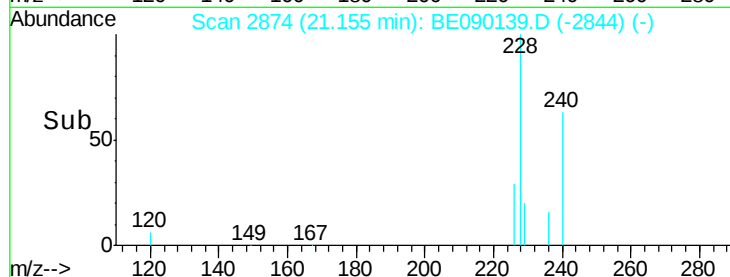
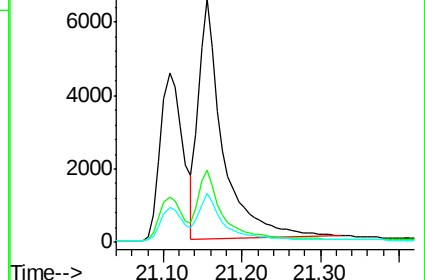
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.96 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

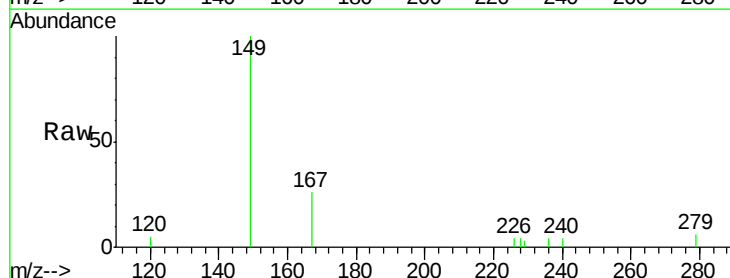
Tgt Ion:149 Resp: 1721

Ion Ratio Lower Upper

149 100

167 23.6 18.6 27.8

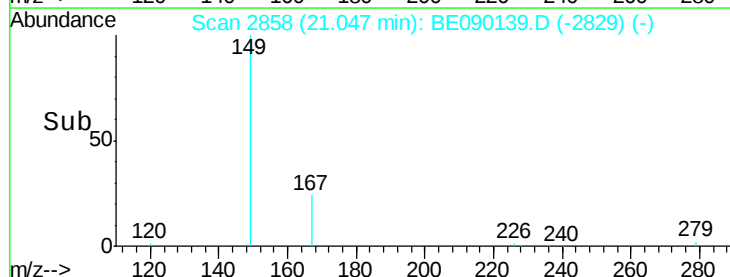
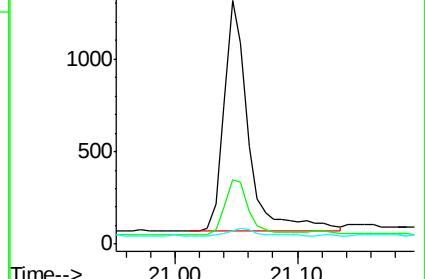
279 3.4 2.2 3.4#

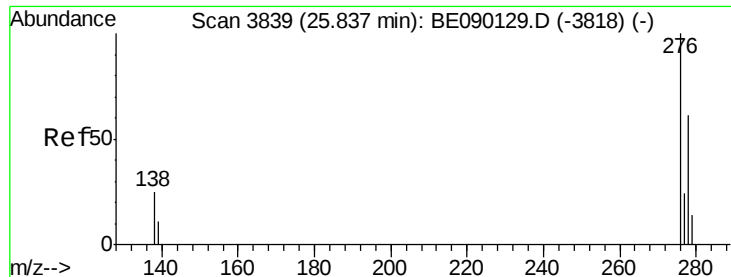


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.31 ng

RT: 25.83 min Scan# 3839

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

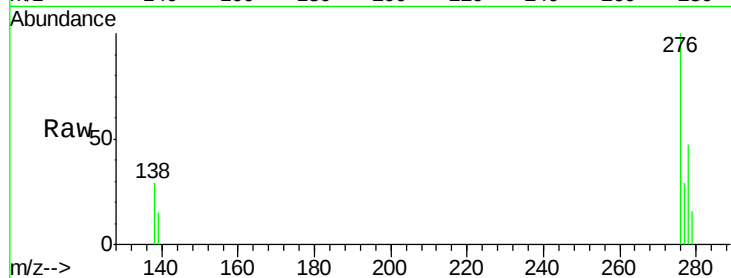
Tgt Ion:276 Resp: 4159

Ion Ratio Lower Upper

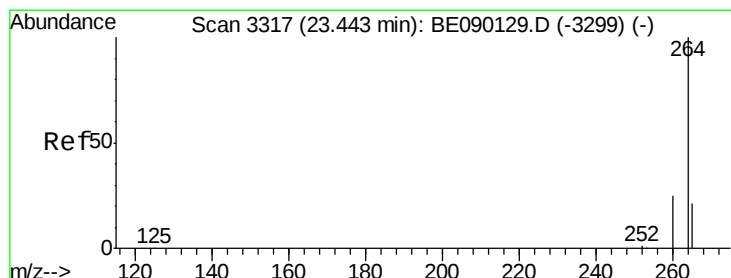
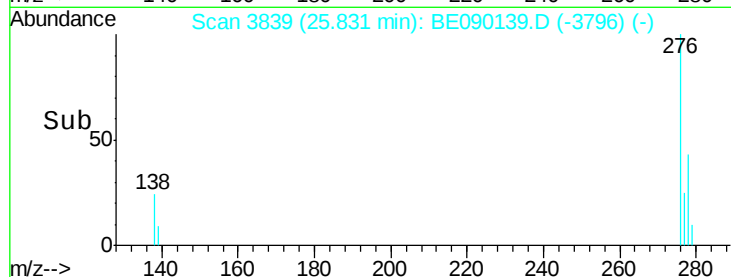
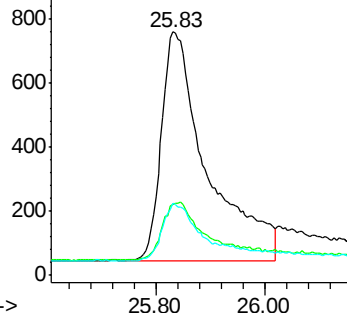
276 100

138 24.4 17.3 25.9

277 21.6 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.44 min Scan# 3318

Delta R.T. -0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

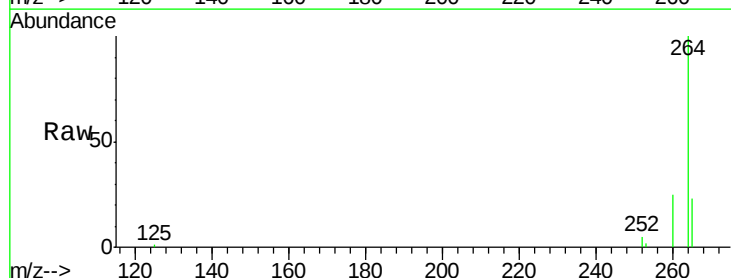
Tgt Ion:264 Resp: 39374

Ion Ratio Lower Upper

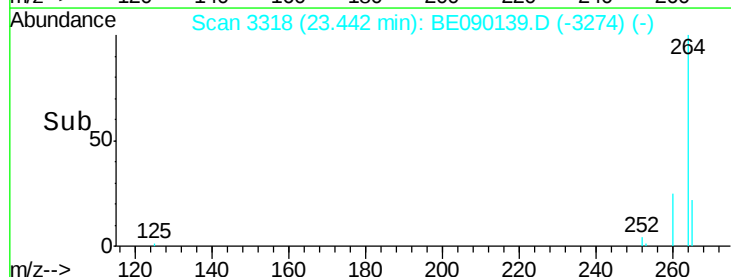
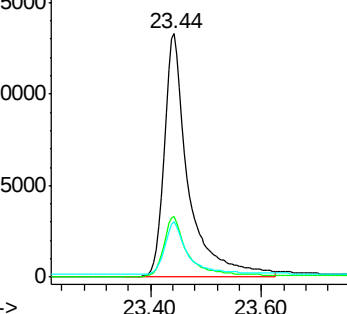
264 100

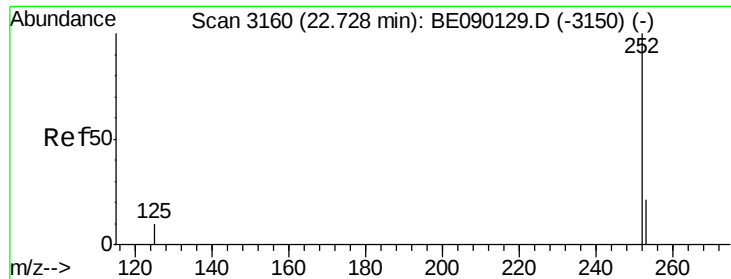
260 24.9 19.9 29.9

265 22.6 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.30 ng

RT: 22.73 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

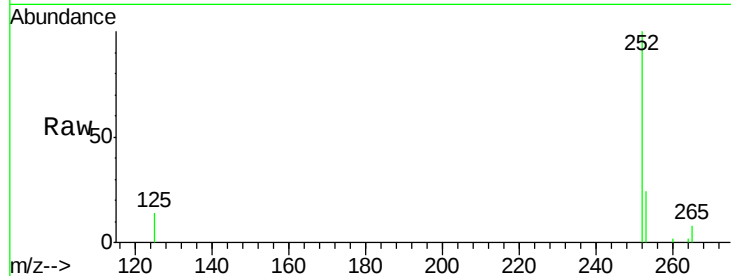
Tgt Ion:252 Resp: 3726

Ion Ratio Lower Upper

252 100

253 24.3 19.0 28.6

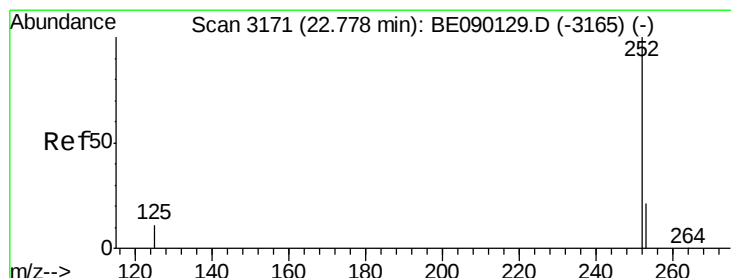
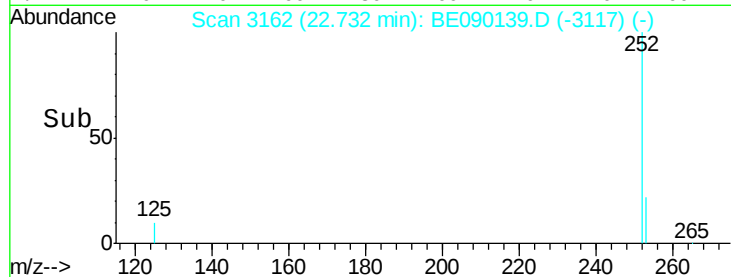
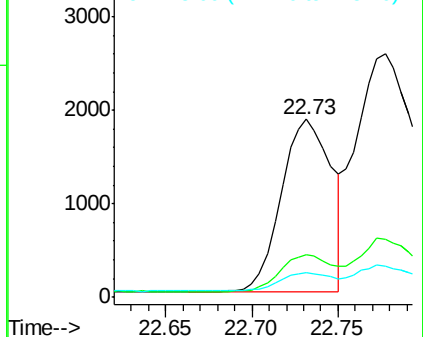
125 13.6 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.89 ng

RT: 22.78 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

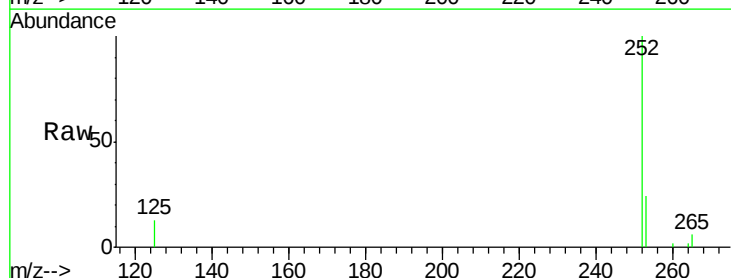
Tgt Ion:252 Resp: 8769

Ion Ratio Lower Upper

252 100

253 23.7 18.7 28.1

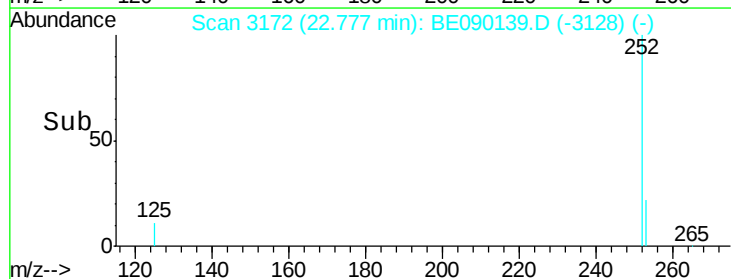
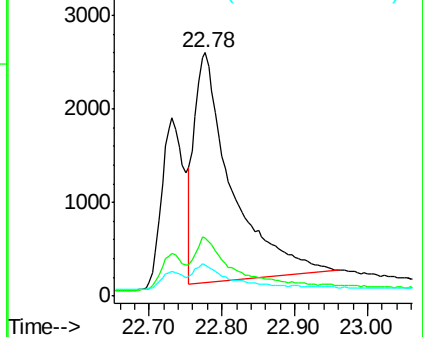
125 12.9 10.5 15.7

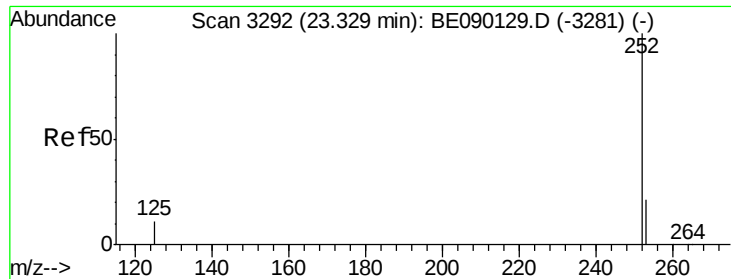


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.94 ng

RT: 23.33 min Scan# 3294

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

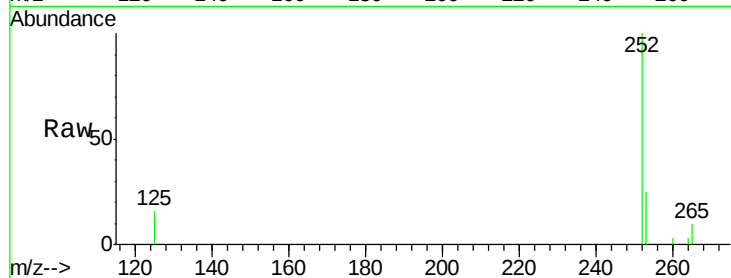
Tgt Ion:252 Resp: 4567

Ion Ratio Lower Upper

252 100

253 25.4 19.4 29.2

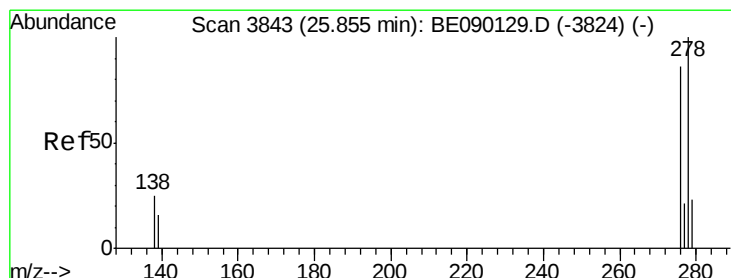
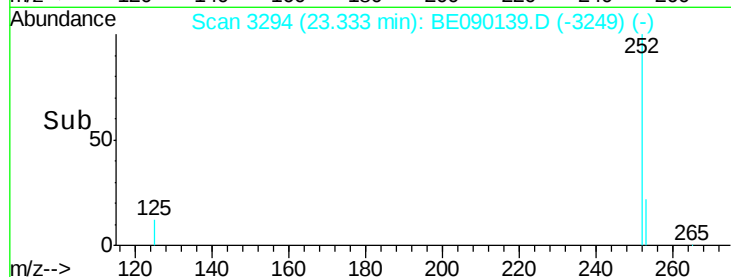
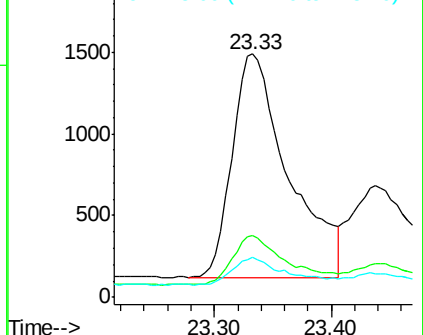
125 16.2 11.9 17.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 1.27 ng

RT: 25.85 min Scan# 3844

Delta R.T. 0.00 min

Lab File: BE090139.D

Acq: 17 Jul 2015 4:07

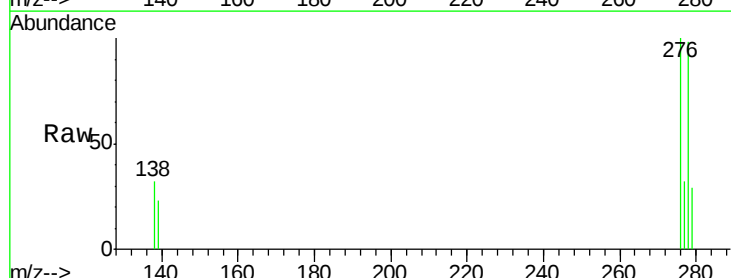
Tgt Ion:278 Resp: 2734

Ion Ratio Lower Upper

278 100

139 23.3 18.3 27.5

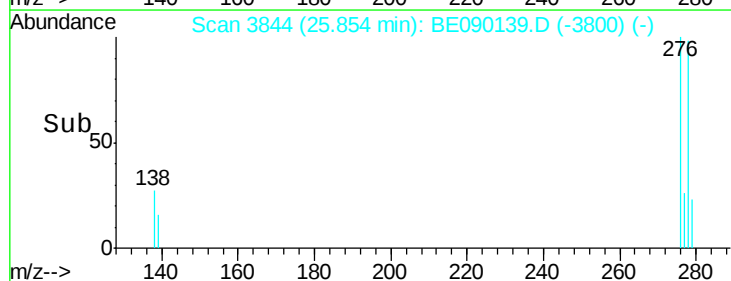
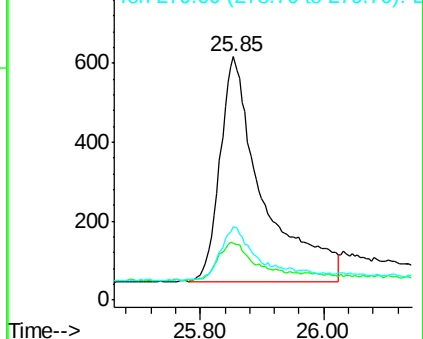
279 30.0 23.3 34.9

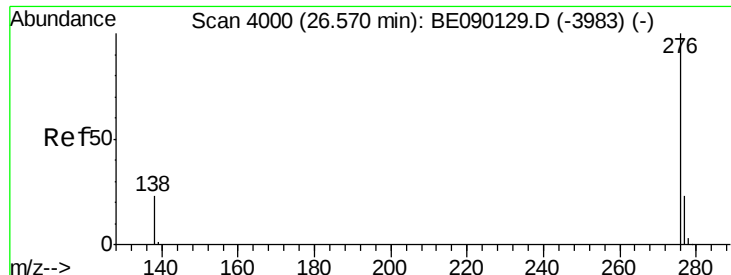


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.97 ng

RT: 26.58 min Scan# 4003

Delta R.T. 0.01 min

Lab File: BE090139.D

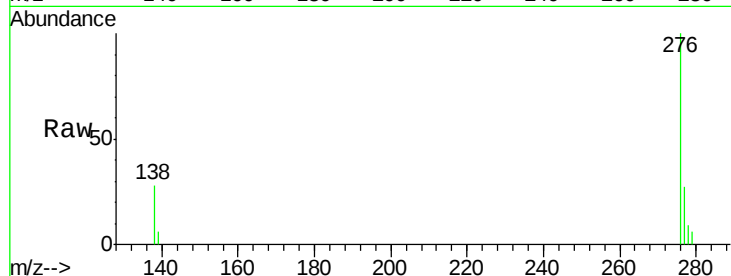
Acq: 17 Jul 2015 4:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



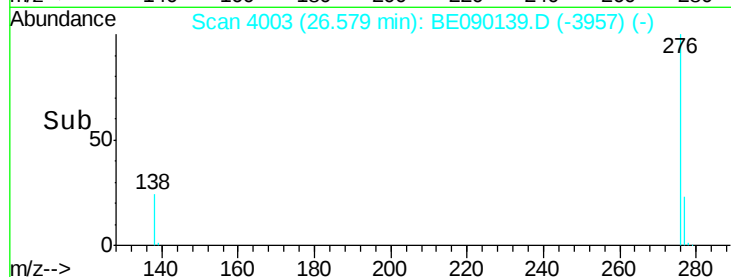
Tgt Ion: 276 Resp: 5184

Ion Ratio Lower Upper

276 100

277 27.2 22.0 33.0

138 27.7 22.0 33.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

